

- 4GB Built-in Memory<sup>1</sup> stores up to 2,450 songs<sup>2</sup> or 15H of video<sup>5</sup>
- High Quality Video Playback at 30 frames per second
- 2.0" QVGA LCD Screen<sup>9</sup>
- Compatible with Secure Windows Media Audio<sup>3</sup>
- Multi Audio Codec Support - WMA/MP3/AAC<sup>3</sup>
- Battery Life: up to 33 hours of FM audio playback<sup>7</sup>, up to 8 hours video playback<sup>9</sup>
- Video Codec Support: MPEG 4, AVC Baseline
- 4 Clear Audio Technologies



## NWZ-A816BLK

## 4 GB Walkman® Video MP3 Player

## Features

- 4GB Built-in Memory<sup>1</sup> Store up to 2,300 Songs<sup>2</sup> or up to 15H of video<sup>5</sup> on your Walkman® video MP3 Player and never be without your entertainment again.
- High Quality Video Playback Playback your favorite videos right on the player using MPEG 4 and M4V profile at 30 frames per second.
- Battery Life With up to 33 hours of audio playback<sup>7</sup> and up to 8 hours of video playback<sup>9</sup> you don't have to worry about charging your player.
- 2.0" QVGA LCD Screen<sup>9</sup> Easily view your movies, photos and music information on the high quality, 320x240 display.
- Compatible with Secure Windows Media Audio<sup>3</sup> Giving you more options than ever for downloading and listening to music.
- MP3/WMA/AAC Audio Codec Support<sup>3</sup> Supports playback of MP3 and WMA DRM and non-DRM audio files downloaded from multiple sources. Also supports non-DRM AAC content, giving you multiple options for downloading music the way you want.
- 4 Clear Audio Technologies Utilizes 4 Clear Audio Technologies to reproduce crystal clear, CD-quality audio:
  - o Digital Sound Enhancement Engine (DSEE) restores the higher sound frequency lost when creating compressed music files.
  - o Clear Bass enhances the bass sound while minimizing distortion.
  - o Clear Stereo reduces signal leakage from one channel to another.
  - o EX Series headphones deliver deep bass sound from a closed design that's compact, lightweight and comfortable to wear thanks to changeable silicon rubber ear-buds that also help isolate outside sounds.
- Time Machine Shuffle<sup>11</sup> Shuffle play among songs from a randomly selected year. (Information will come from CD information that is downloaded from the Gracenote CDDB®)
- Music Search Search for music on your Walkman® video player by All Songs, Album, Artist, Genre, Release Year, Folder and Playlists.
- Initial Search Use the first letter of the song, album or artist to easily find the music you are looking for.
- Bi-Directional LCD Display Watch your videos and view your photographs either vertically or horizontally by adjusting the screen to the orientation you prefer.

## Specifications

## General

Backlit Color: 2.0" QVGA TFT display (240 x 320)

## Audio

Equalizer: 5 Band: Heavy/Pop/Jazz/Unique/Custom 1/Custom 2 & Clear Bass

Frequency Response: 20 - 20,000Hz (when playing back data file, single signal measurement)

Format: MP3, WMA, AAC-LC, Linear PCM<sup>10</sup>

## Audio Features

Simulated Surround: VPT: Studio/Live/Club/Arena/Matrix/Karaoke

## Power

Battery Charging (Approx.): USB based charging: 3 hours (full charge), 1.5 hours (approx. 80%)

Output Power: 5+5mW

Estimated Battery Life: Music: Approx. 33H<sup>7</sup> Video: Approx. 8H<sup>9</sup>

## Video

Format: MPEG 4, M4V

Playback: Mode: Repeat(On/Off), Continuous Playback (On/Off)

## Video Features

JPEG Playback: Normal/Slide Show/Slide Show Repeat  
Slide Show Interval(Short/Normal/Long)  
Compatible with DCF 2.0/Exif 2.2 file format<sup>4</sup>

## Inputs and Outputs

USB Port(s): 22 pin to high-speed USB 2.0 connector<sup>6</sup>

Headphone Jack: Stereo mini-jack

## Dimensions

Weight: 1.9oz (53g)

Measurements: 1 13/16 x 3 1/2 13/31" (44.5 x 88.0 x 9.6mm) WxHxD

## Supplied Accessories

USB Cable (22 pin to USB)

MDR-EX082 Headphones and extension cord

CD-ROM with Windows Media Player 11 and MP3 Conversion Tools

Quick Start Guide

Adaptor Plate (for optional 22 pin cradle)

## Optional Accessories

CKH-NWA800 Clear Case

CKL-NWA800BLACK Leather Case

CKM-NWA800 Silicone Case

CLP-NWA800 Clip

WLA-NWB1 Bluetooth Adaptor

SRS-NWZ10 Speaker System with Cradle

BCR-NWU3 Multi-function Cradle

AC-NWU20MU USB Cable

WMC-NW20MU USB Cable

WMC-NWP10 Portable USB Cable

DCC-NWC1 Car Connecting Cable

Color: Black

UPC Code: 02724271425

1. User available memory = 3,840,638,976 bytes, because a portion of the memory is used for data management functions.
2. Calculated based on 4 minutes per song @ 48 kbps in MP3 format, not including videos or photos. Other playable audio file format song numbers and times may differ from MP3 format. For video transfer the approximate recordable times are estimated where only video is transferred to the device. Times may vary depending on the conditions under which the player is used.
3. Not all MP3, WMA and AAC files may playback due to file variations. Copyright protected AAC-LC files cannot be played back.
4. Some photos cannot be played back, depending on their file formats.
5. Approximate recordable times are estimated where only video is transferred. The time may vary depending on the conditions under which the player is used.
6. Not all products with USB 2.0 connectors may communicate with each other due to chipset variations.
7. When playing back MP3 files at 128kbps. The times are approximate when all of the Equalizers and the VPT are set to "None", all of the DSEE, the Clear Stereo, Dynamic Normalizer and the New Song Pop Up are set to "Off", and the Type of Screensaver is set to "Blank". Actual battery life may vary based usage patterns.
8. When playing back MPEG 4 at 384kbps. The times are approximate when the Brightness of the Common Setting is set to "3".
9. Screen Size is measured diagonally.
10. Copyright protected AAC-LC files cannot be played back.
11. Information will come from the CDDB Gracenote Database

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